

PROTOTYPE

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NOTES:

1. IDENTIFY IN ACCORDANCE WITH MPP-120.
- 2

MATERIAL: 6061-T6 ALUMINUM
- 3

MATERIAL: 303 STAINLESS STEEL
- 4

MATERIAL: 303 STAINLESS STEEL Ø .109" (7/64") WIRE.
- 5

FINISH: ANODIZE IAW MIL-A-8625 TYPE II CLASS 2, COLOR BORDEAUX RED.
- 6

FINISH: HARD ANODIZE IAW MIL-A-8626 TYPE III CLASS 2, COLOR BLACK.
- 7

FINISH: ANODIZE IAW MIL-A-8626 TYPE II CLASS 2, COLOR YELLOW.
- 8

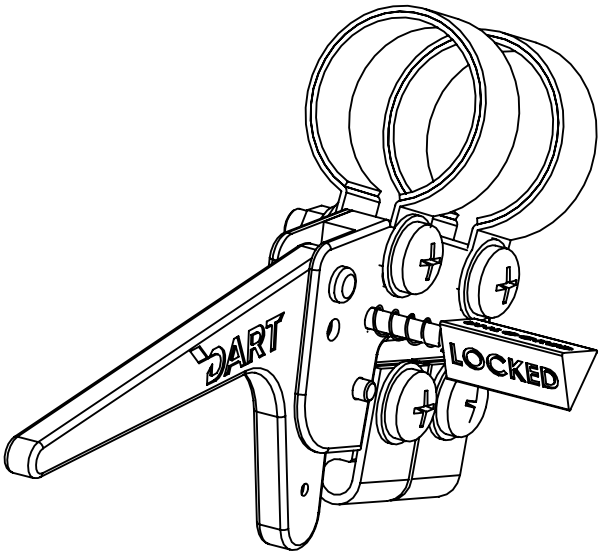
FINISH: PASSIVATE PER MIL QQ-P-35C, TYPE II.
- 9

USE .DXF PROFILE
- 10

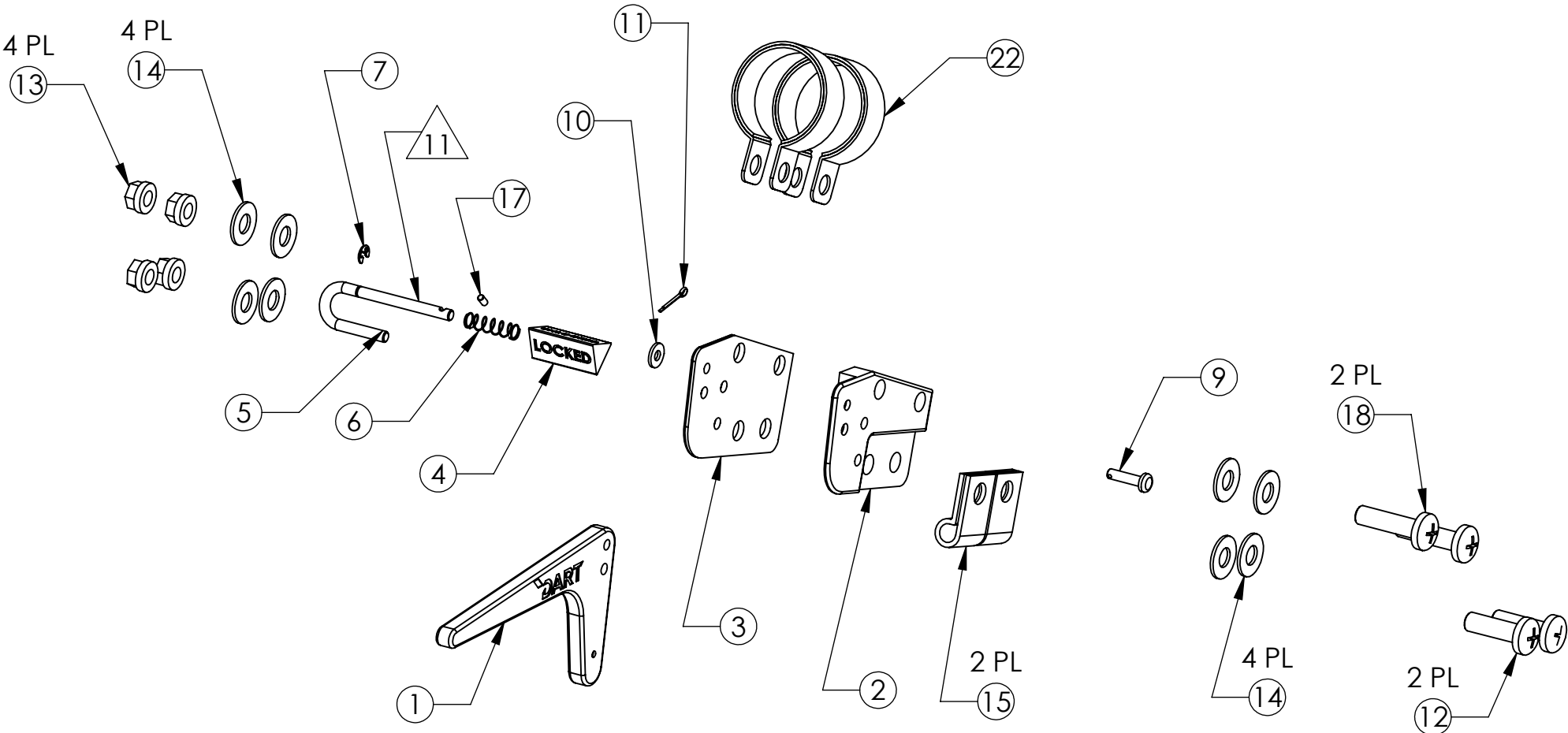
FONT: CENTURY GOTHIC BOLD
- 11

APPLY F/N 16, LOCTITE 638 TO F/N 5, LOCK WIRE, BEFORE INSTALLATION.
- 12 DELETED.
- 13 DELETED
14. DEBURR ALL SHARP EDGES.
- 15

SHIP PARTS IN A SEPERATE BAG.



644.7401



REV.	DESCRIPTION	DATE	APPROVED
NC	INITIAL RELEASE	01-14-08	P. BRAVO
A	INCORPORATED ECN 01680, 01990, 02096 & 03738	12-06-12	P. BRAVO
B	INCORPORATED ECN 04674 & 05351	03-22-16	P. BRAVO
C	INCORPORATED ECN 06414	11-11-19	J. BECKER
D	INCORPORATED ECN 06598	02-09-21	J. GARDINER
E	INCORPORATED ECN 06807	09-20-21	J. GARDINER

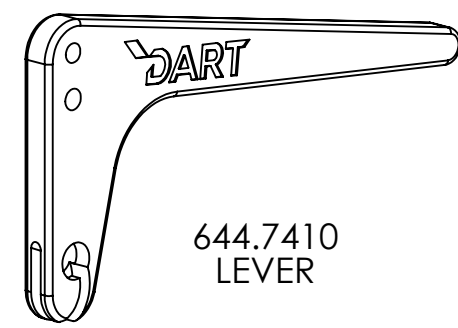
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1	1			27	601.1875	SAFETY PIN			<div>15</div>
1	1			26	644.7423	LEVER BASEPLATE			<div>2</div> <div>6</div>
1	1			25	644.7422	LEVER BASE			<div>2</div> <div>6</div>
1	1			24	644.7421	LEVER			<div>2</div> <div>5</div>
1	1			23	601.2554	RIVET	MS20470A2-6		<div>15</div>
	1		1	22	650.0102	CLAMP ASSY			
1		1		21	650.0101	CLAMP (R66)			
				20		DELETED			
				19		DELETED			
2	2	2	2	18	601.2554	SCREW	MS27039C1-11		
		1	1	17	601.2461	DOWEL PIN			
A/R	A/R	A/R	A/R	16	601.2410	LOCTITE 638	91458A43		
2	2	2	2	15	601.2390	CABLE CLAMP	AN742-D3		
8	8	8	8	14	601.2421	WASHER	NAS1149C0332R		
4	4	4	4	13	601.0789	NUT	MS21043-3		
2	2	2	2	12	601.2388	SCREW	MS51958-64		
1	1	1	1	11	601.2386	COTTER PIN	MS24665-020		
1	1	1	1	10	601.2391	WASHER	NAS620C3		
1	1	1	1	9	644.7415	PIN			<div>3</div> <div>8</div>
				8		DELETED			
		1	1	7	601.2385	RETAINING RING			
		1	1	6	601.2389	SPRING			
		1	1	5	644.7414	LOCK WIRE			<div>4</div> <div>8</div>
		1	1	4	644.7413	LOCK KNOB			<div>2</div> <div>7</div>
		1	1	3	644.7412	LEVER BASEPLATE			<div>2</div> <div>6</div>
		1	1	2	644.7411	LEVER BASE			<div>2</div> <div>6</div>
		1	1	1	644.7410	LEVER			<div>2</div> <div>5</div>
					644.7404	LEVER ASSY (R66)			
					644.7403	LEVER ASSY (R44)			
					644.7402	LEVER ASSY (R66)			
					644.7401	LEVER ASSY (R44)			
7404	7403	7402	7401	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.	


QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		01-17-06	
644.7000		DRAWN BY Z. BLAS		CHECKER P. BRAVO	
649.9400		DRAWING APPROVAL P. BRAVO 12-06-12		CONTRACT No.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			
		2 PLACE DECIMALS ±.01			
		3 PLACE DECIMALS ±.005			
		ANGLES ± .5°			
		SIZE B		CAGE CODE 07MZ6	
		DWG. NO. 644.7400		REV. E	
		SCALE NONE		SHEET 1 OF 12	

DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300

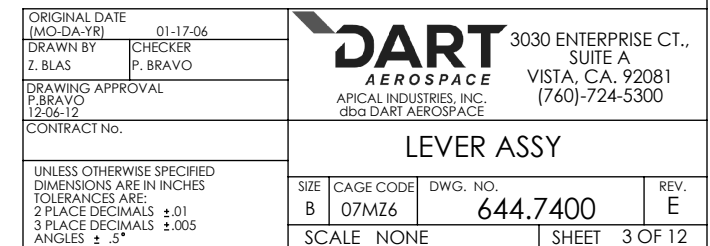
LEVER ASSY

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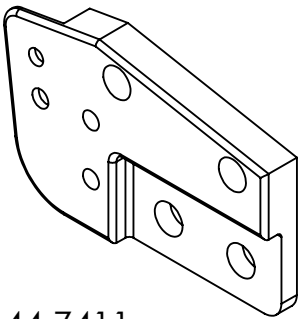
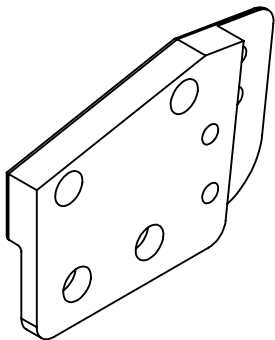
ORIGINAL DATE (MO-DA-YR)		01-17-06		<div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div>									
DRAWN BY P. BLAS		CHECKER P. BRAVO											
DRAWING APPROVAL P. BRAVO 12-06-12				APICAL INDUSTRIES, INC. dba DART AEROSPACE									
CONTRACT No.				<div>LEVER ASSY</div> <table><tr><td>SIZE</td><td>CAGE CODE</td><td>DWG. NO.</td><td>REV.</td></tr><tr><td>B</td><td>07MZ6</td><td>644.7400</td><td>E</td></tr></table>		SIZE	CAGE CODE	DWG. NO.	REV.	B	07MZ6	644.7400	E
SIZE	CAGE CODE	DWG. NO.	REV.										
B	07MZ6	644.7400	E										
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°				CLAVE NONE									
				SHEET 2 OF 12									

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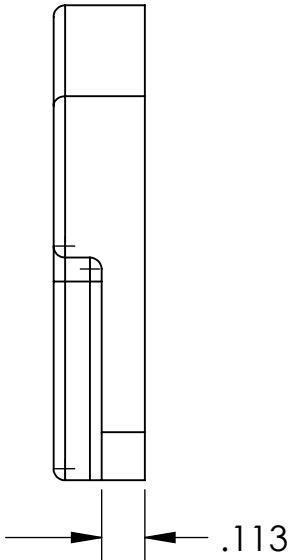
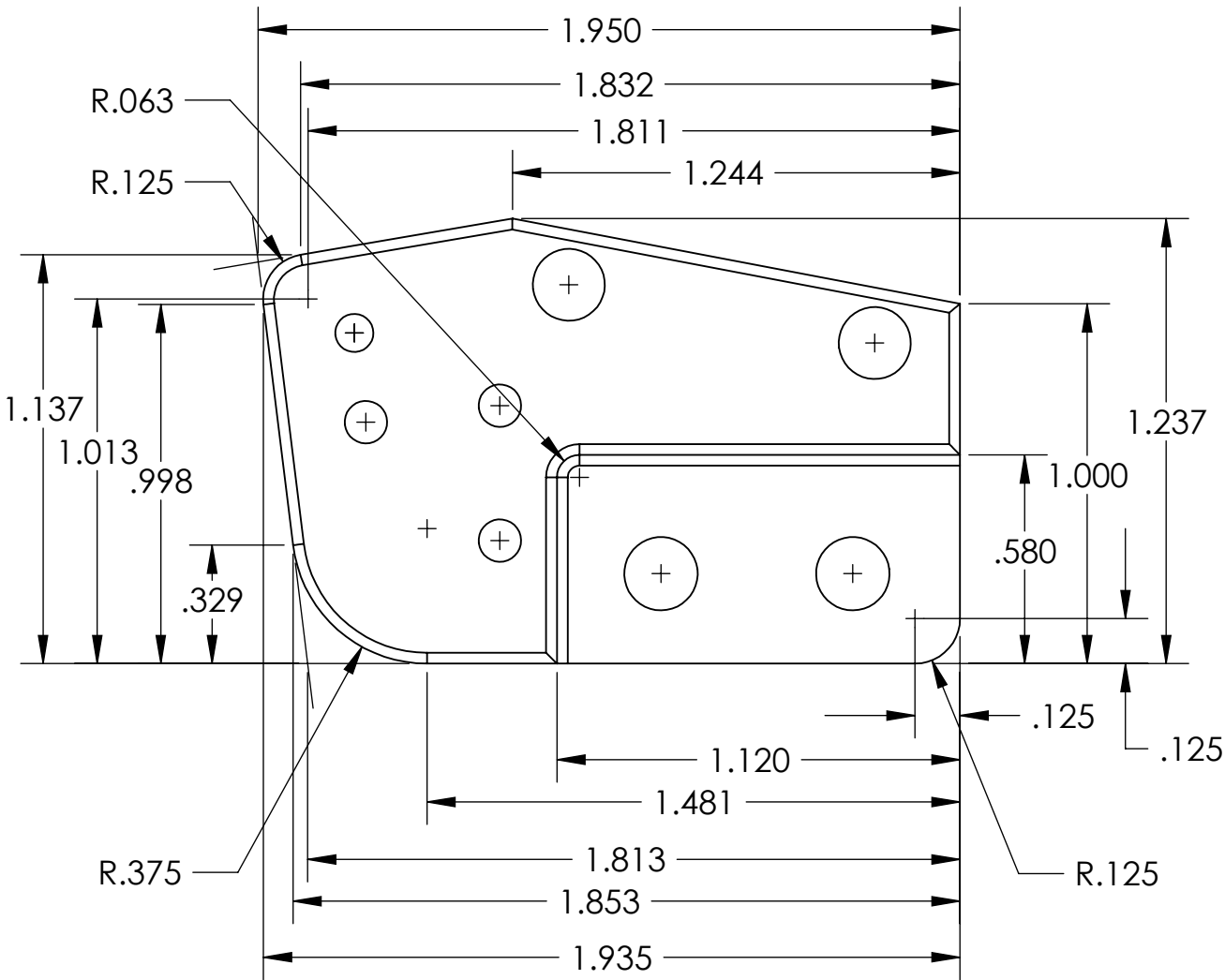
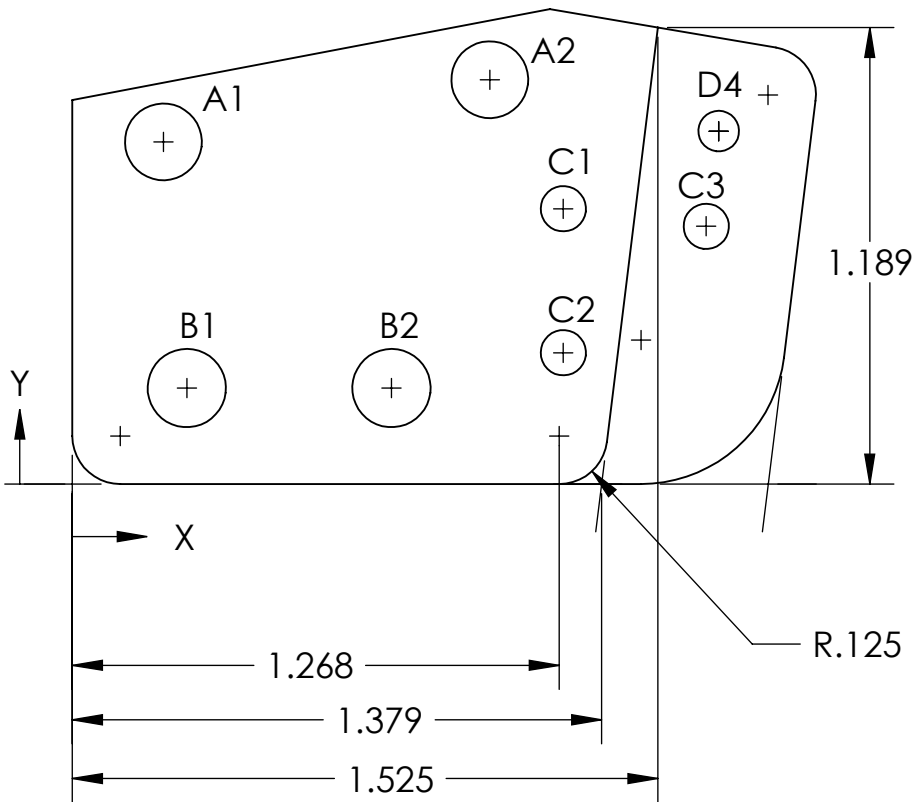


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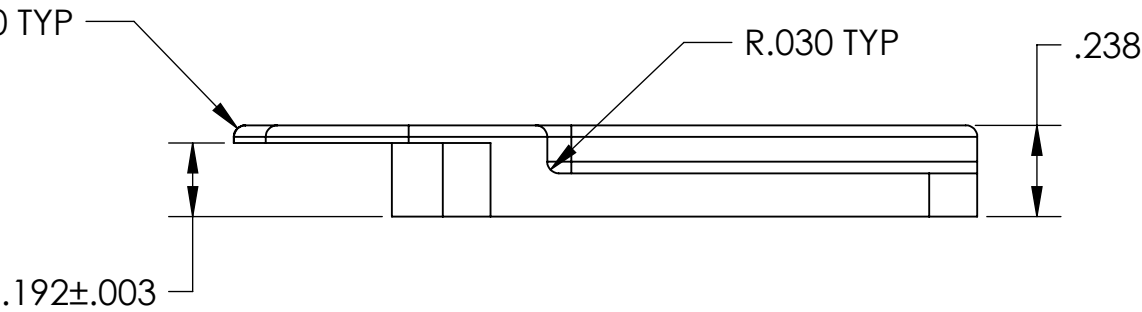
644.7411
LEVER BASE



TAG	X LOC	Y LOC	SIZE	TOL
A1	.237	.891	Ø.200 THRU	
A2	1.087	1.053	Ø.200 THRU	
B1	.298	.250	Ø.204 THRU	
B2	.831	.250	Ø.204 THRU	
C2	1.279	.342	Ø.118 THRU	±.002
C3	1.651	.671	Ø.118 THRU	±.002
C1	1.279	.717	Ø.118 THRU	±.002
D4	1.683	.919	Ø.106 THRU	+.003; -.001

TRUE R.030 TYP

R.030 TYP



ORIGINAL DATE
(MO-DA-YR) 01-17-06
DRAWN BY Z. BLAS
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO
12-06-12
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
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3 PLACE DECIMALS ±.005
ANGLES ± .5°

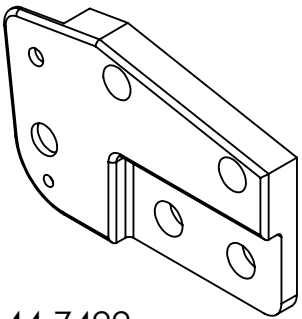
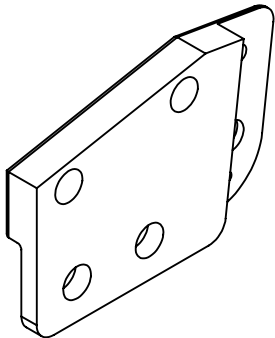
DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

LEVER ASSY

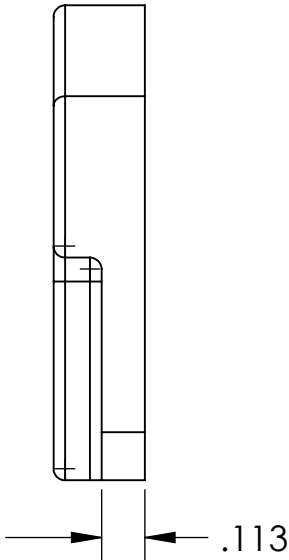
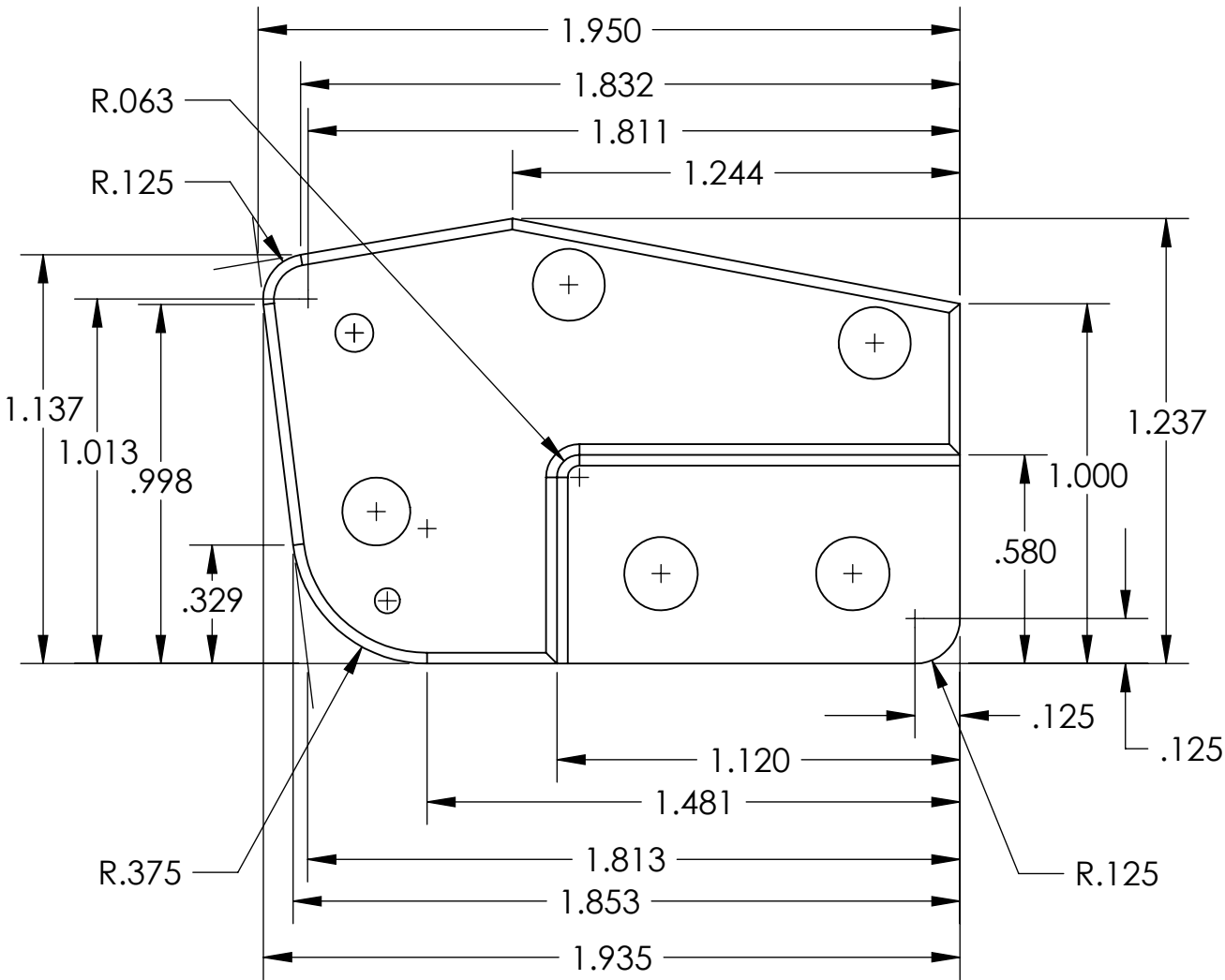
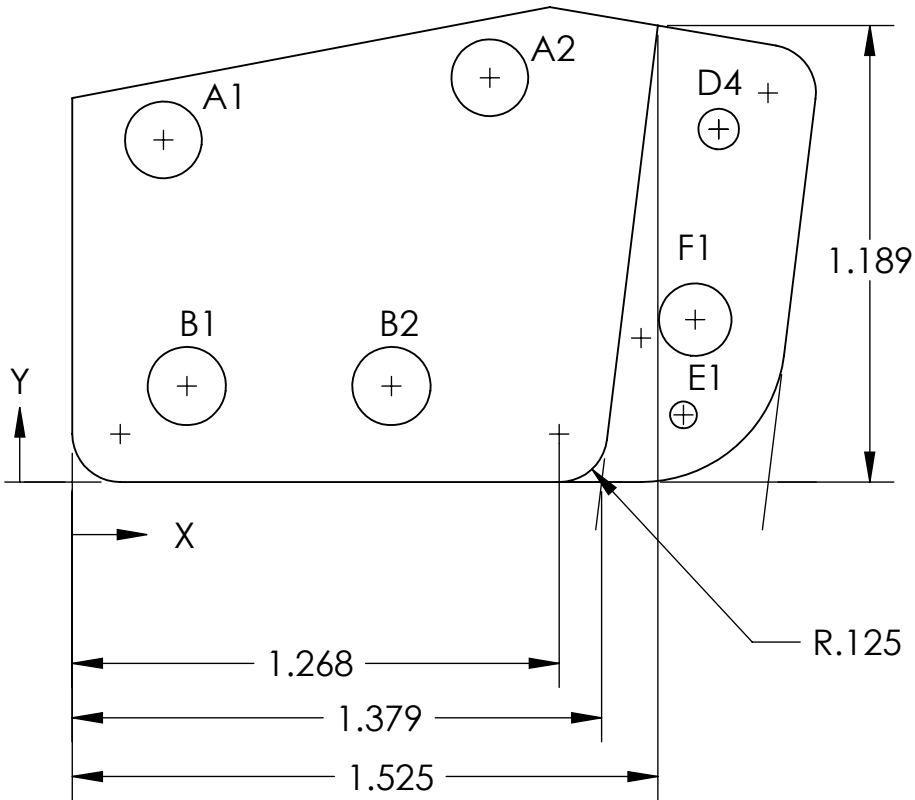
SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	644.7400	E
SCALE NONE		SHEET 4 OF 12	

PROTOTYPE

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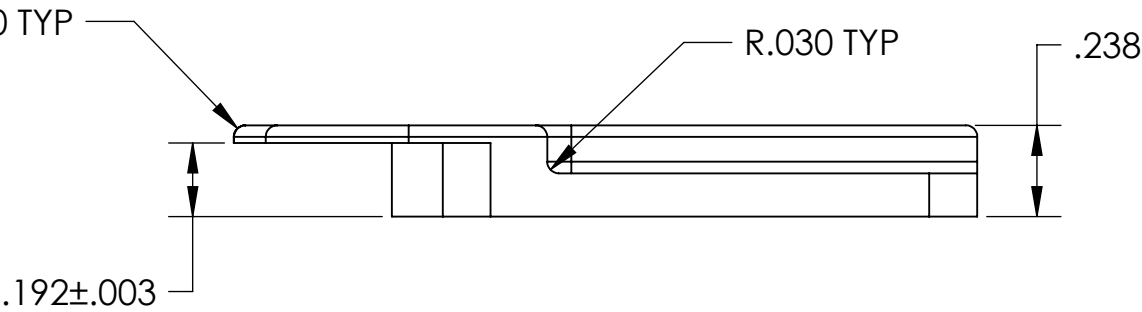
644.7422
LEVER BASE



TAG	X LOC	Y LOC	SIZE	TOL
A1	.237	.891	Ø.200 THRU	
A2	1.087	1.053	Ø.200 THRU	
B1	.298	.250	Ø.204 THRU	
B2	.831	.250	Ø.204 THRU	
F1	1.622	.423	Ø.189 THRU	+.008; -.002
D4	1.683	.919	Ø.106 THRU	+.003; -.001
E1	1.591	.175	Ø.070 THRU	

TRUE R.030 TYP

R.030 TYP



ORIGINAL DATE
(MO-DA-YR) 01-17-06
DRAWN BY Z. BLAS
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO
12-06-12
CONTRACT No.

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3 PLACE DECIMALS ±.005
ANGLES ± .5°

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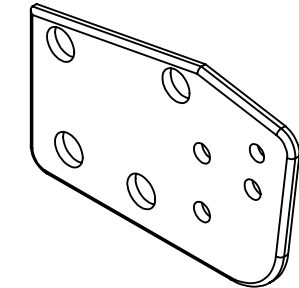
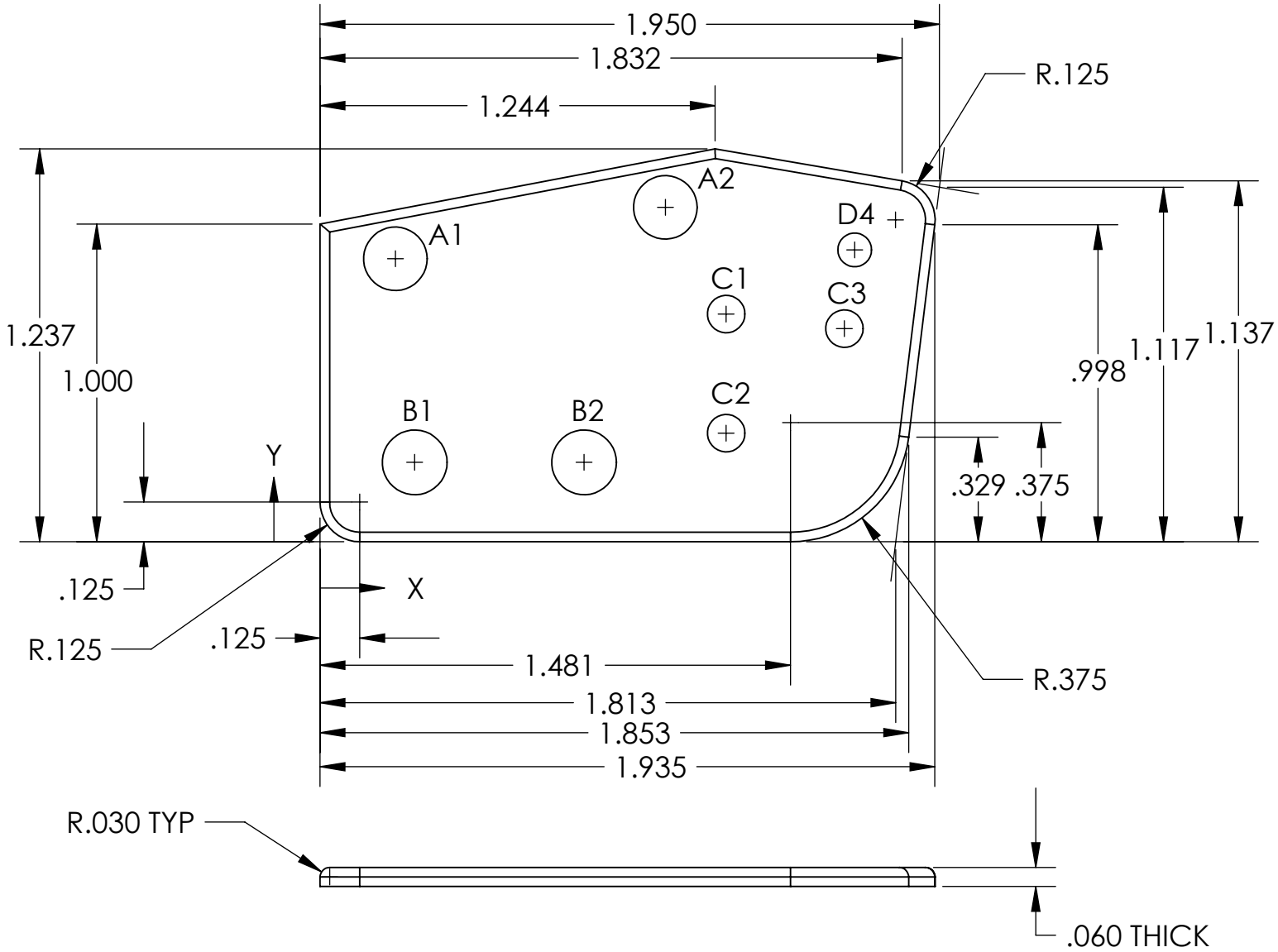
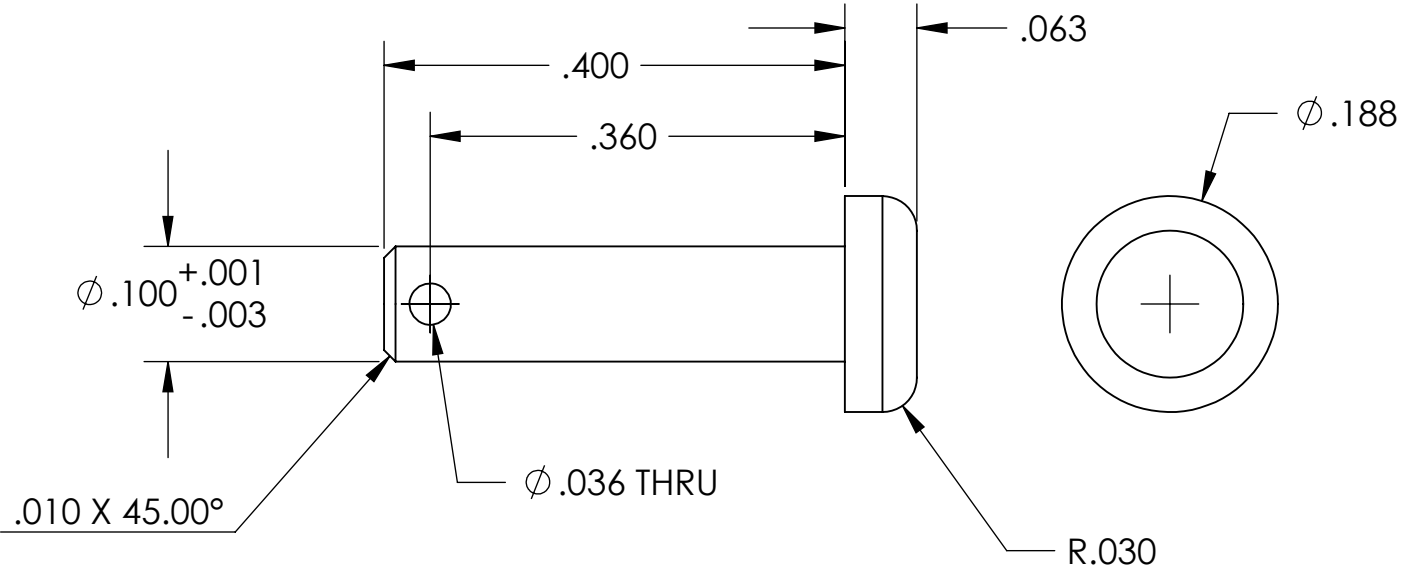
LEVER ASSY

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	644.7400	E
SCALE NONE		SHEET 5 OF 12	

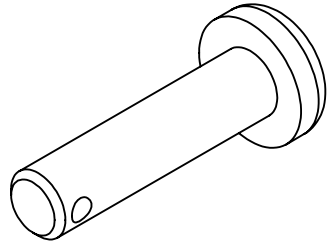
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TAG	X LOC	Y LOC	SIZE	TOL
A1	.237	.891	Ø.200 THRU	
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C3	1.651	.671	Ø.118 THRU	±.002
C1	1.279	.717	Ø.118 THRU	±.002
D4	1.683	.919	Ø.106 THRU	+.003, -.001



644.7412
LEVER BASEPLATE



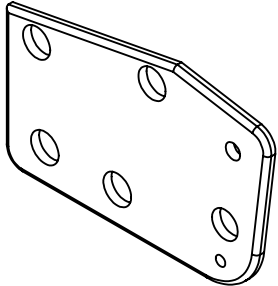
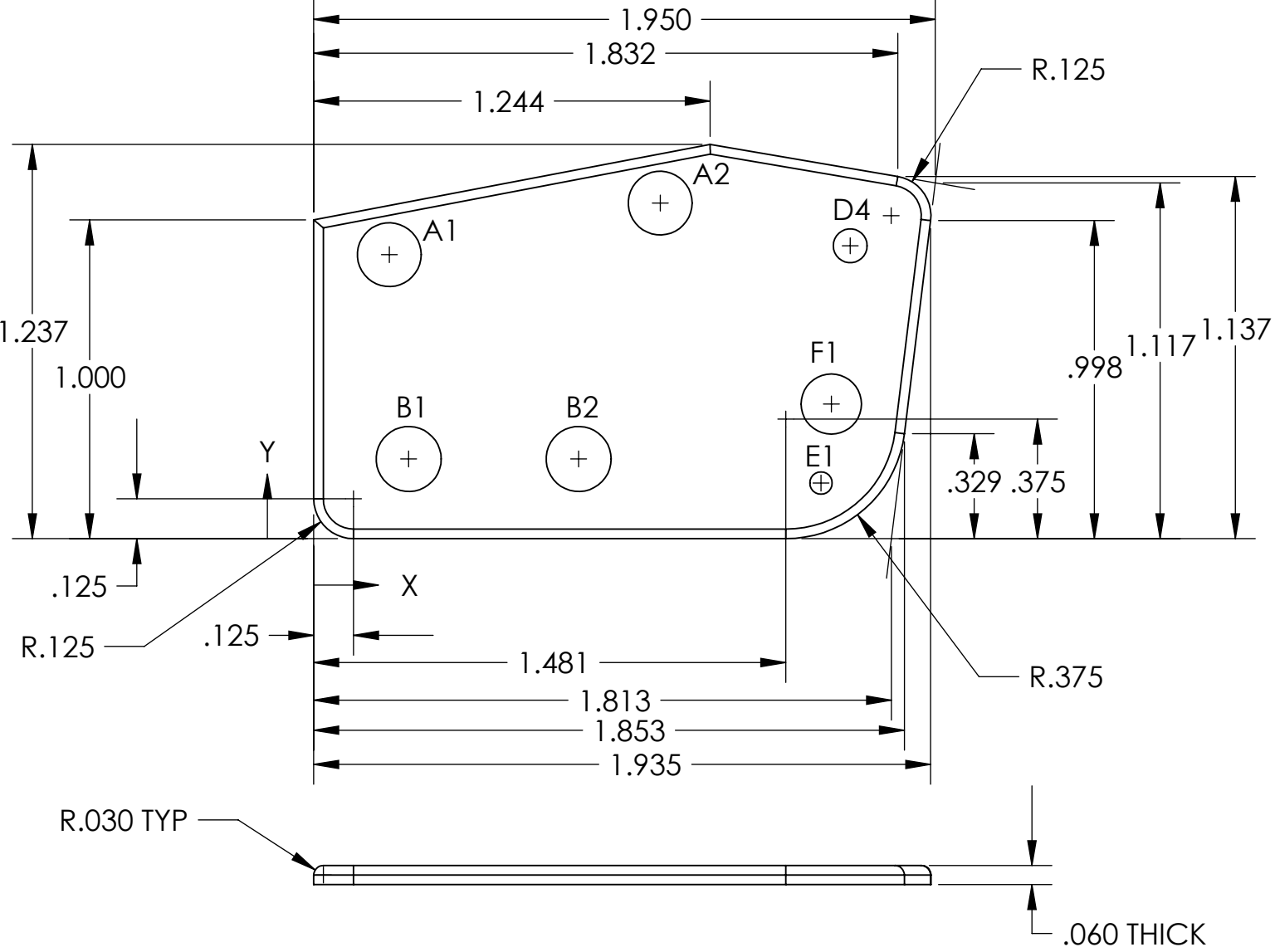
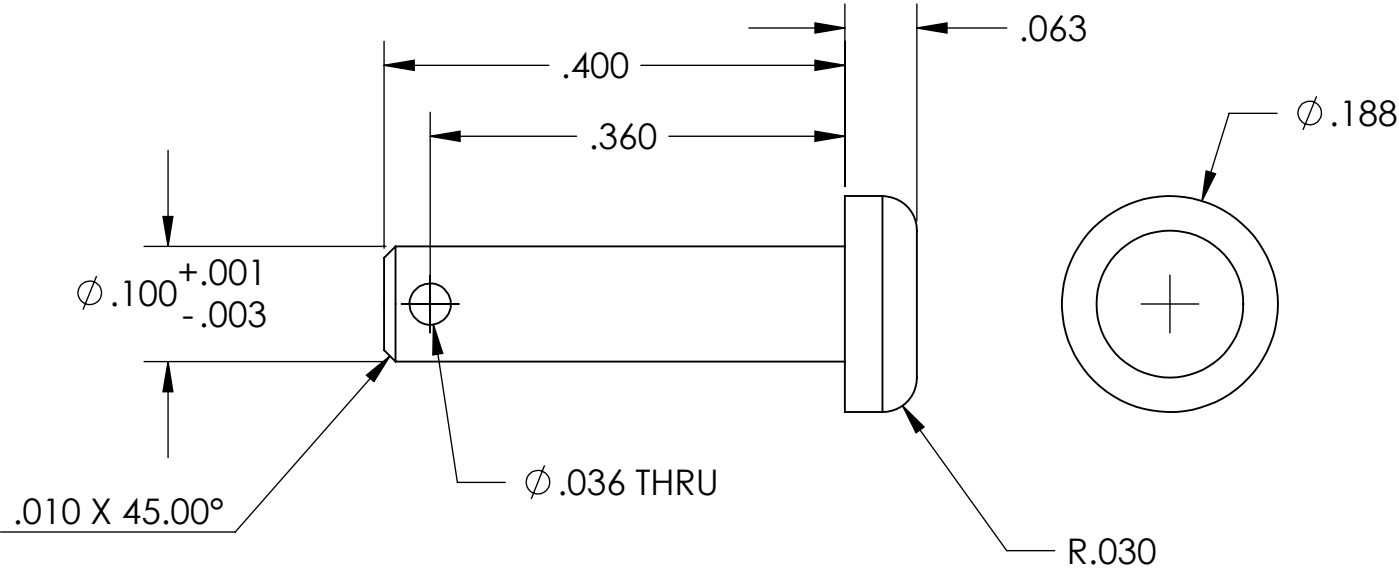
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PIN

ORIGINAL DATE (MO-DA-YR) 01-17-06	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
DRAWN BY Z. BLAS	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 12-06-12			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 644.7400	REV. E
SCALE NONE		SHEET 6 OF 12	

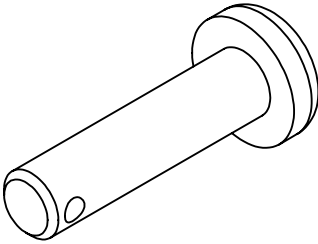
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TAG	X LOC	Y LOC	SIZE	TOL
A1	.237	.891	Ø.200 THRU	
A2	1.087	1.053	Ø.200 THRU	
B1	.298	.250	Ø.204 THRU	
B2	.831	.250	Ø.204 THRU	
F1	1.624	.422	Ø.189 THRU	+.008, -.002
D4	1.683	.919	Ø.106 THRU	+.003, -.001
E1	1.591	.175	Ø.070 THRU	



644.7423
LEVER BASEPLATE

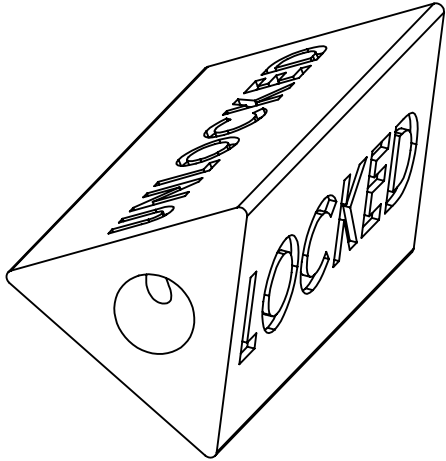


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PIN

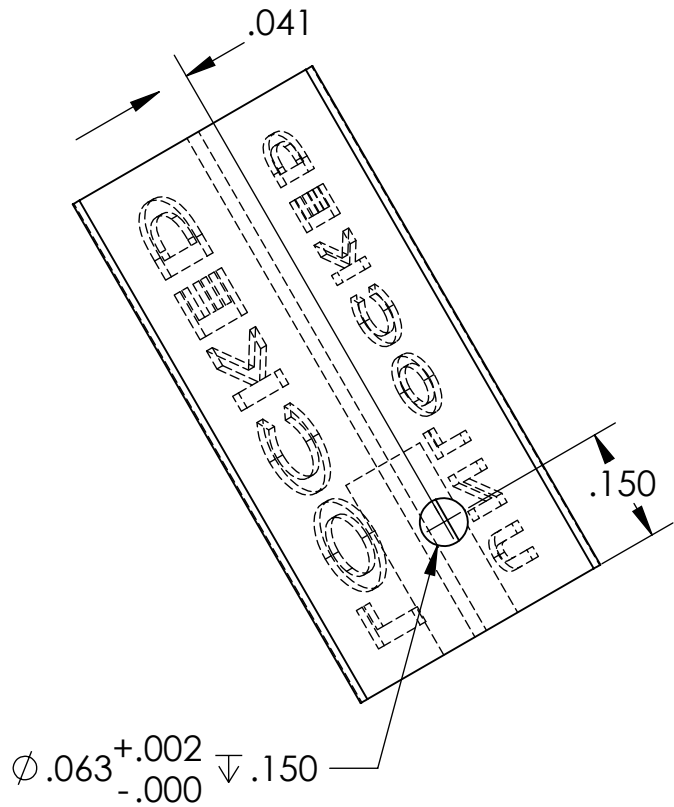
ORIGINAL DATE (MO-DA-YR) 01-17-06		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY Z. BLAS	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 12-06-12		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		LEVER ASSY	
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CAGE CODE 07MZ6		DWG. NO. 644.7400	SHEET 7 OF 12
SCALE NONE			

PROTOTYPE

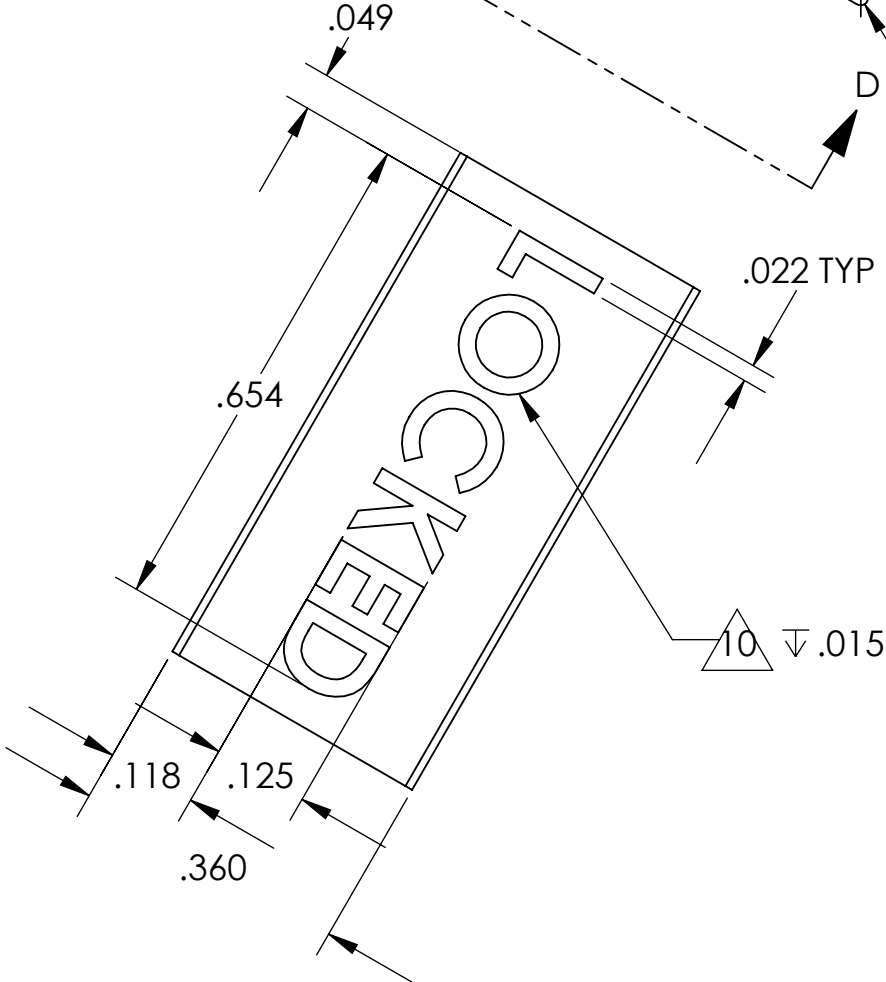
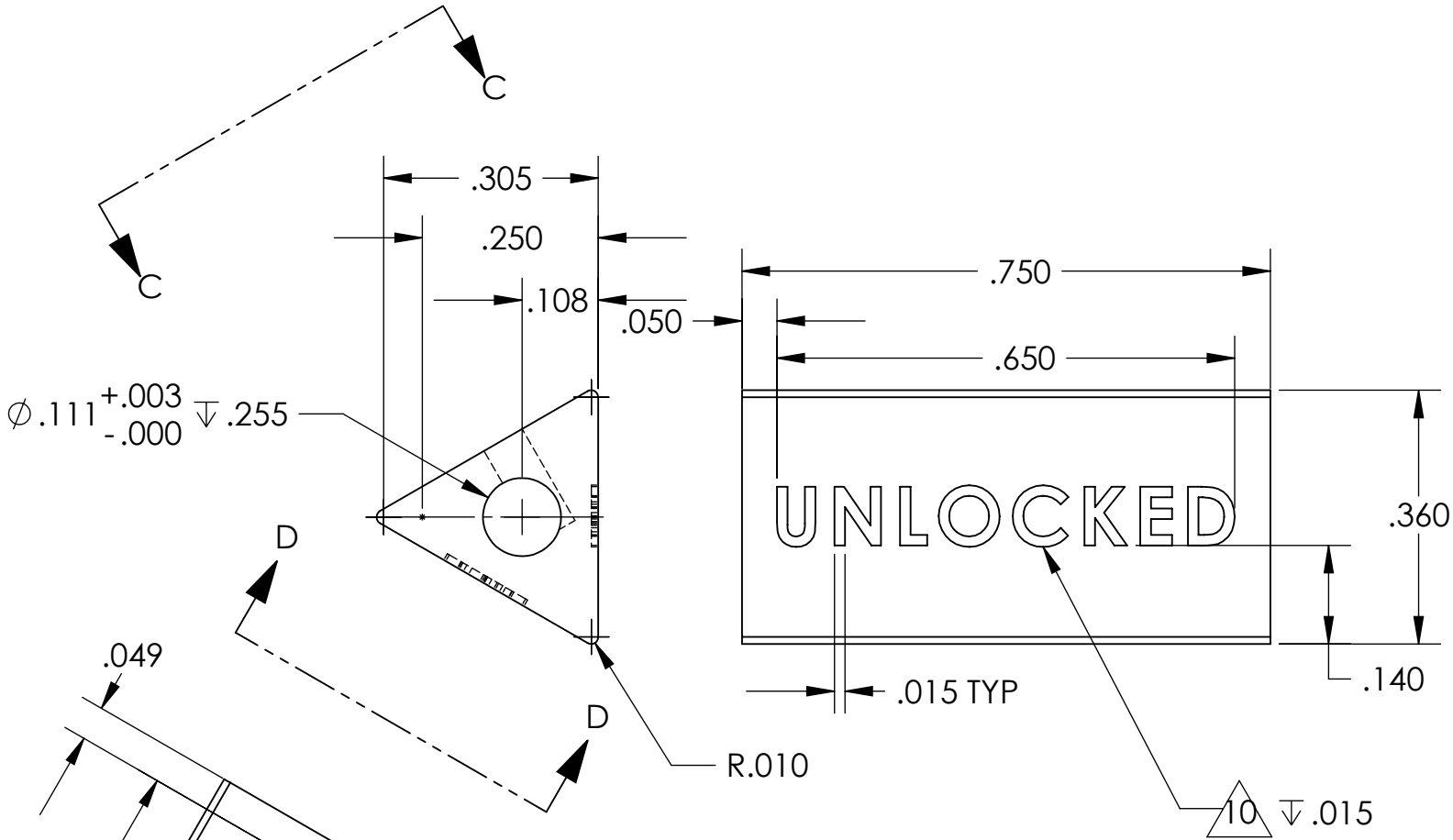
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644.7413
LOCK KNOB



VIEW C-C

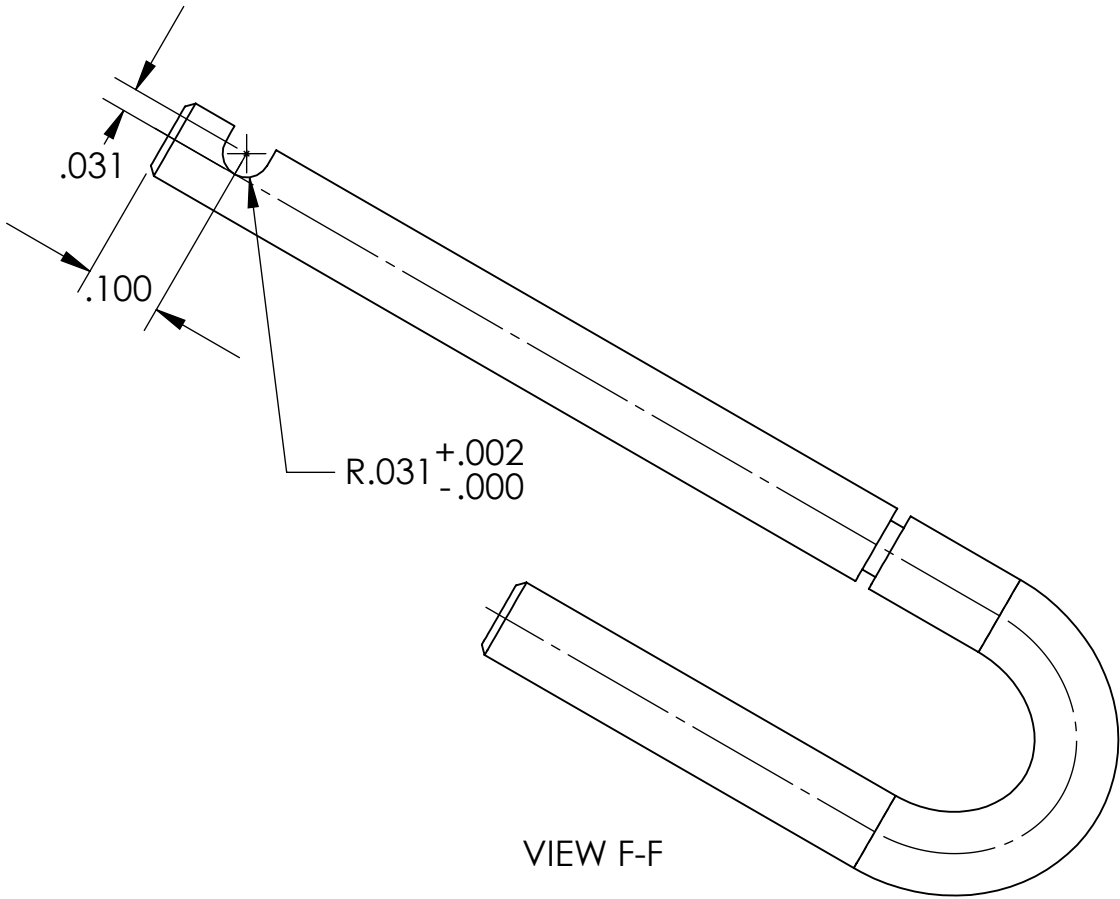


VIEW D-D

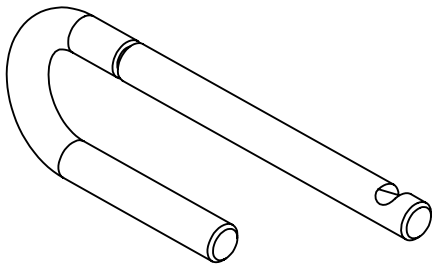
ORIGINAL DATE (MO-DA-YR) 01-17-06		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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DRAWING APPROVAL P. BRAVO 12-06-12		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		LEVER ASSY	
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CAGE CODE 07MZ6		DWG. NO. 644.7400	SHEET 8 OF 12
SCALE NONE			

PROTOTYPE

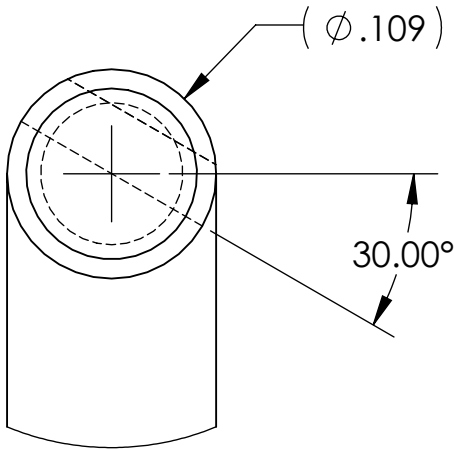
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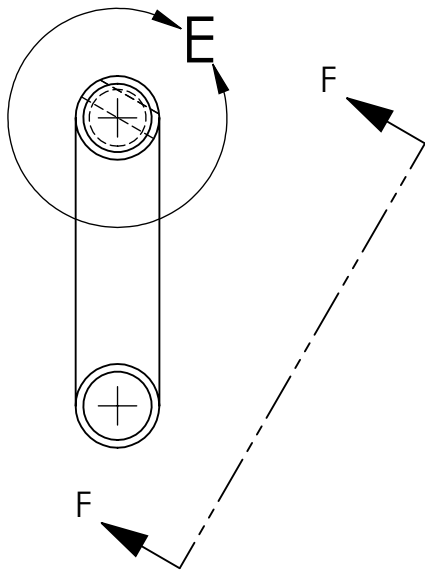
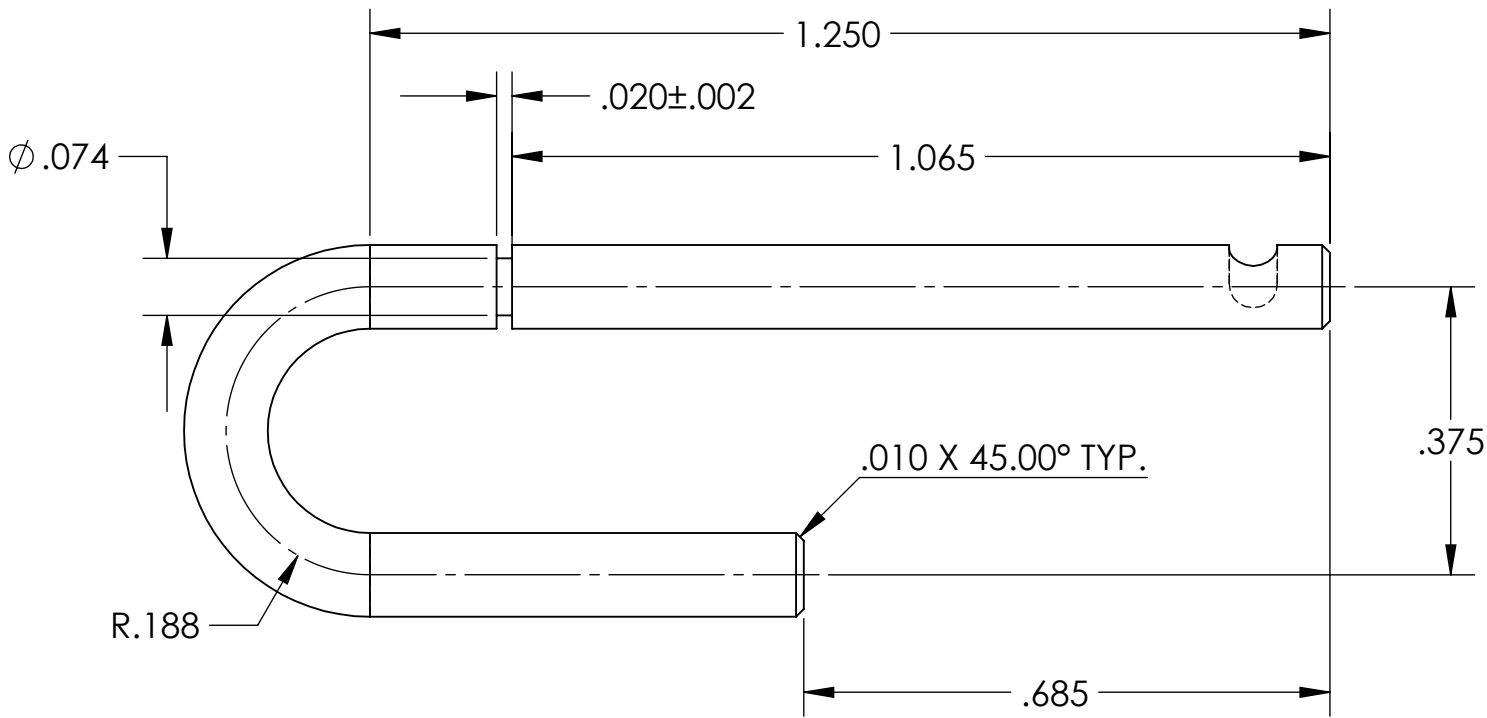
VIEW F-F



644.7414
LOCK WIRE



DETAIL E



ORIGINAL DATE (MO-DA-YR) 01-17-06	
DRAWN BY Z. BLAS	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 12-06-12	
CONTRACT No.	



3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

LEVER ASSY

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---	--

SIZE B	CAGE CODE 07MZ6	DWG. NO. 644.7400	REV. E
SCALE NONE			SHEET 9 OF 12

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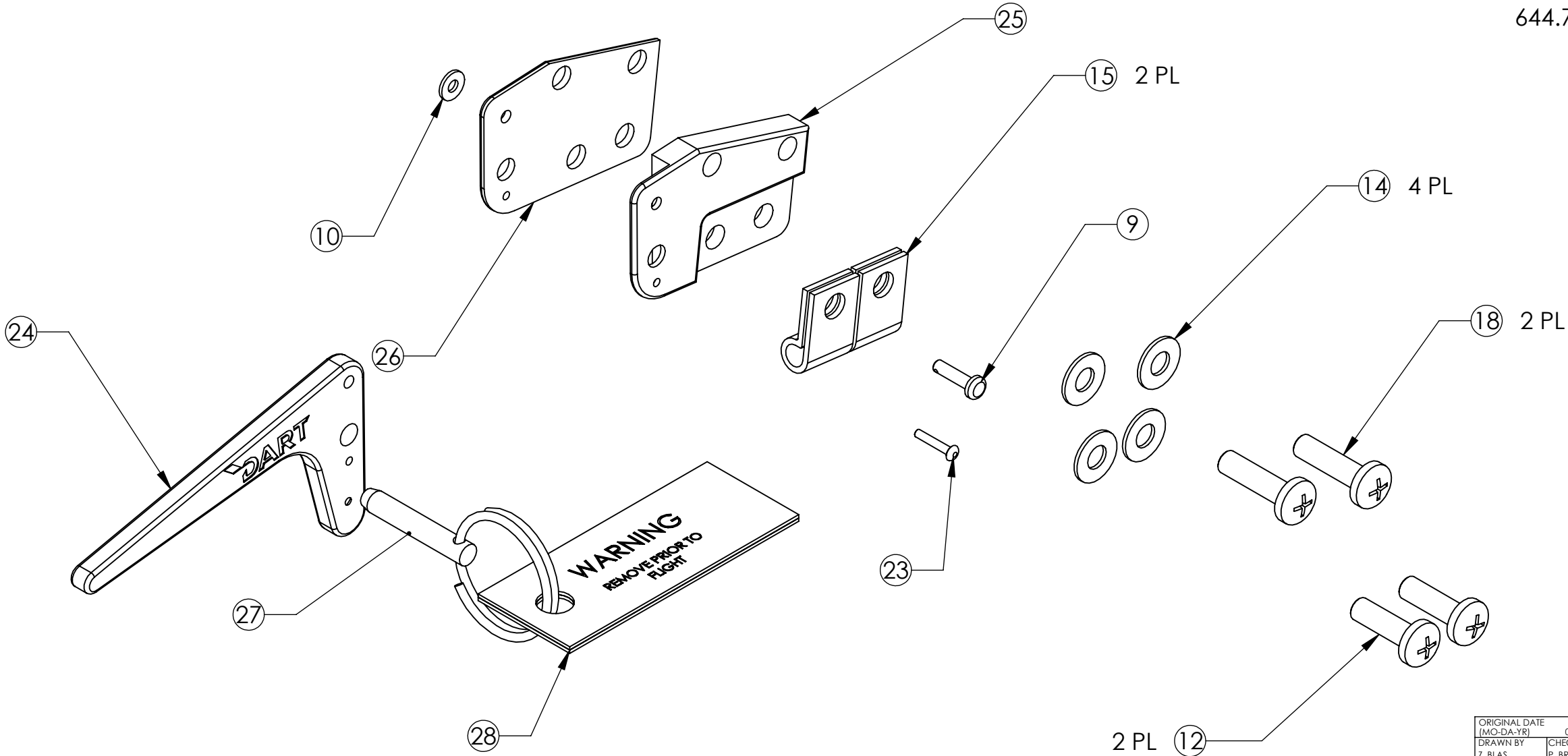
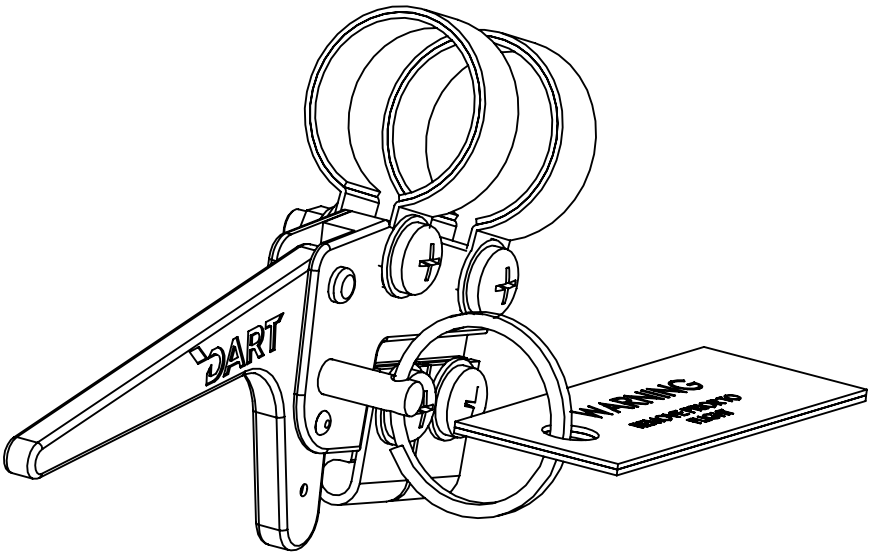
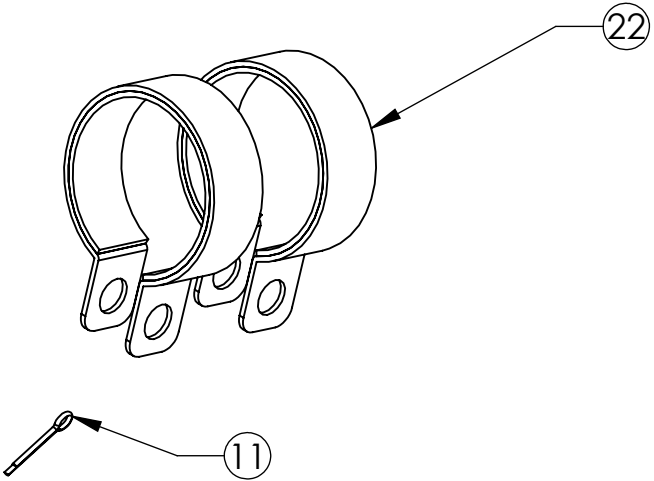
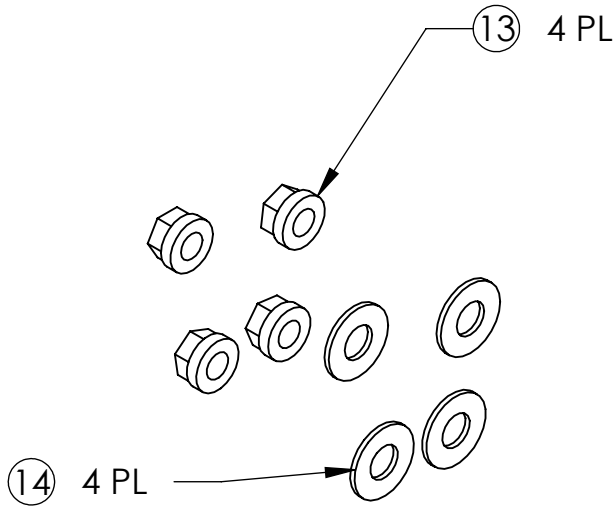
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A

B

C

D



ORIGINAL DATE (MO-DA-YR)	01-17-06
DRAWN BY Z. BLAS	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 12-06-12	
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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

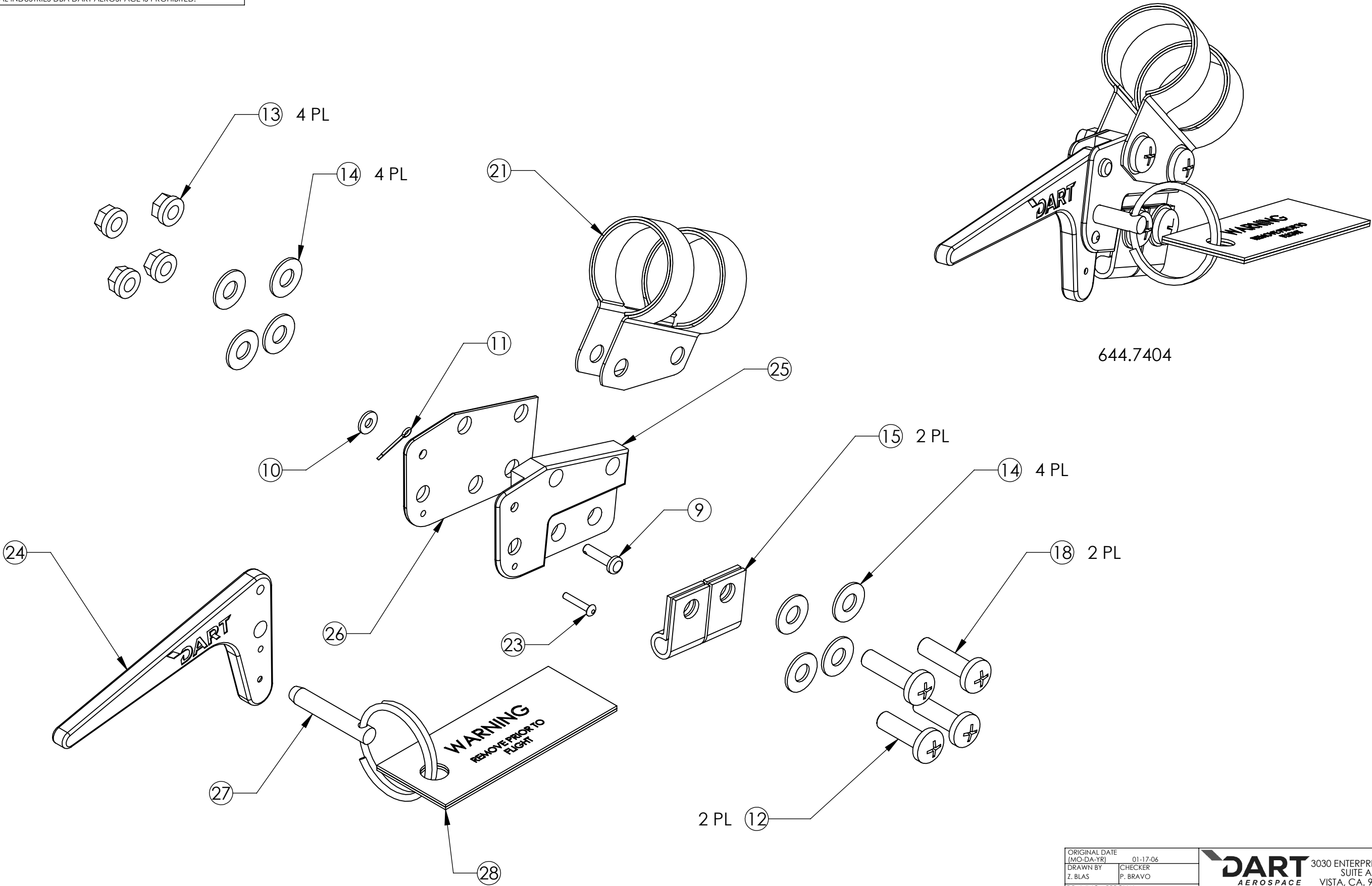
**DART**
AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

LEVER ASSY			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 644.7400	REV. E
SCALE NONE		SHEET 11 OF 12	

PROTOTYPE

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